

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.41283X00	SERIAL NO. 10/082,160
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Y. TAKAHASHI, et al.	
		FILING DATE February 26, 2002	GROUP 2818

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation / Abstract	
						Yes	No
RL	AM JP6104248	04/15/94	Japan			Abstr act	
RL	AN JP2001004676	01/12/01	Japan			Abstr act	
RL	AO JP2001035345	02/09/01	Japan			Abstr act	
	AP JP5121468	05/18/93	Japan			Abstr act	
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner	Date Considered	
	9/3/03	



Sheet 1 of 1

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DKT. NO.

500.41283X00

SERIAL NO.

10/082,160

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Y. TAKAHASHI, et al.

FILING DATE

February 26, 2002

GROUP

2818

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation / Abstract	
						Yes	No
TR	AM JP6104248	04/15/94	Japan			Abstr act	
	AN JP2001004676	01/12/01	Japan			Abstr act	
	AO JP2001035345	02/09/01	Japan			Abstr act	
	AP JP5121468	05/18/93	Japan			Abstr act	
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner		
	Date Considered 9/3/03	